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THE INFECTIOUS DISEASES OF DOMESTIC ANIMALS

By William Arthur Hagan
Comstock Publishing Company, 1944

This work is less than a textbook of bacteriology in that a knowledge of the general principles of the subject is taken for granted and this part of the usual text is omitted. It is more than a textbook of bacteriology in that the fungi, protozoa, and viruses that are pathogenic for animals have here been added to the bacteria. Also, greater consideration has been given to the nature of the diseases produced by the various agents, and to the biological products which are available for their diagnosis, prevention, and care. This work is not a systematic discussion of disease-producing organisms, but rather a discussion of the infectious diseases of animals with special reference to their etiological factors.

Part I deals with the mechanisms of infection and resistance; Part II, with the pathogenic bacteria; Part III, with bacteria-like pathogenic organisms of uncertain classification, Part IV, with the pathogenic fungi, Part V, with the pathogenic protozoa, and Part VI, with the viruses.

A DOZEN BOOKS FROM YOUR LIBRARY SHELVES

- AGRARIANISM: A PROGRAM FOR FARMERS, by Troy J. Cauley. University of North Carolina Press, 1935. 211p. 281.12 C31
- AGRICULTURAL SYSTEMS OF MIDDLE EUROPE: A SYMPOSIUM, by O. S. Morgan, ed. Macmillan, 1933. 405p. 281.17 M 82
- DESERTS ON THE MARCH, by Paul B. Sears. University of Oklahoma Press, 1935. 231p. 277.12 Sel
- FARM BUILDINGS, by J. C. Wooley. McGraw-Hill, 1941. 345p. 296 W88
- FEEDING THE FAMILY, by M. S. Rose. Macmillan, 1940. 421p. 389 R722F
- A FIELD GUIDE TO THE BIRDS, by R. T. Peterson. Houghton Mifflin, 1939. 180p. 413 P443
- HANDBOOK OF APPLIED HYDRAULICS, by C. V. Davis. McGraw-Hill, 1942. 1084p. 290 D292
- A MANUAL OF AQUATIC PLANTS, by N. C. Fassett. McGraw-Hill, 1940. 382p. 455.2 F26
- NEW WORLDS IN SCIENCE: AN ANTHOLOGY, by Harold Ward, ed. McBride, 1941. 670p. 330 W21
- PHOTOGRAPHY, ITS PRINCIPLES AND PRACTICE, by C. B. Neblette. Van Nostrand, 1939. 590p. 332 N272P
- PLANT SUCCESSION AND INDICATORS, by F. E. Clements. Wilson, 1928. 453p. 463.8 C59P

A STUDY OF RURAL SOCIETY: ITS ORGANIZATION AND CHANGES, by J. H. Kalb and E. de S. Brunner. Houghton Mifflin, 1940. 694p. 231.2 K83

PERIODICAL NOTES

The Brahman-Breeder-Feeder, published monthly in Houston, now comes to the library.

Publication of Southern Sportsman was suspended before we received an issue for this year.

PACKET NOTES

We have a new packet on GRASSES. Let us know if you wish to see it.

The packet on FLOOD CONTROL is now back on the shelves and available to any who wish to see it.

SELECTED BULLETINS

Agricultural Economics

"The 'Farm Angle' of the GI Bill of Rights," broadcast by Claud R. Wickard and others on Farm and Home Hour, December 23, 1944. 7p. 1.91. E2W63

"Inter-War Credit Aids Associated With Farm Ownership and Operation," by D. C. Horton. BAE. May 1945. 78p.

"Things To Look For When Buying A Farm," by Ross Mauney. Ark. Agr. Col. Ext. Misc. Pub. No. 9. 1945. 7p. 275.29 Ar4Mi 9

"What About that G. I. Agricultural Loan Guaranty?" U. S. Extension Service. 1945. 7p. 1.913 E2W552

Agricultural Engineering

"Deep Well Irrigation in the Oklahoma Panhandle," by W. N. McMillen. Okla. Panhandle Expt. Sta. Panhandle Bul. No. 64. October 1944. 24p. 100 Ok42 64

"The Use of Treaders With Subsurface Tillers," by F. L. Duley and J. C. Russell. SCS, Lincoln, Nebr. April 1944. 4p. 1.9607

Agriculture

"The Outlook for Agriculture in 1945 and Beyond," address by O. C. Stine, BAE. Nov. 13, 1944. 1.941 H22St5

Texas Agricultural Workers' Association.

Papers Presented at the Annual Meeting of...January 11-12, 1944.

Proceedings of Annual Meeting, January 11-12, 1945.

Agronomy

"Fall-Planted Oats Best for Arkansas Farmers." Ark. Agr. Col. Ext. Wartime Emergency Publication No. 3. 1944. 7p. 275.29 Ar4Ar 3

"Fertilizing Wheat for Yield and Quality," by H. F. Murphy. Okla. Agr. Expt. Sta. Bul. No. 285. May 1945. 21p. 100 Ok4(b) 285

"Mungbeans, A Legume for Seed and Forage Production," by L. L. Ligon. Okla. Agr. Expt. Sta. Bul. No. 284. May 1945. 12p. 100 Ok4(b) 284

"Production and Utilization of Hairy Vetch," by J. L. Anthony. Miss. Agr. Expt. Sta. Bul. No. 408. 1944. 18p. 100 M69(b) 408

Farm Planning

- "Guide to Group Farm Planning." SCS, Milwaukee, Wis. 15p. 1.9605 G943
 "Inter-Farm Relationships in the Frankfort, Kansas, Community." Kan. Agr. Expt. Sta. Agr. Eco. Rpt. No. 26. March 1945. 24p. 100 K13S

Farming

- "If You're Thinking of A Little Place in the Country," by A. B. Genung. USDA AIS-14. 12p. 1 Ag84Ai 14
 "Managing A Farm." 1944. 333p. 1 Ec7Ma
 This bulletin and the one listed below were prepared by the Department for the U. S. Armed Forces Institute. Some of the chapter headings in this book are: Farming as a business and a way of living; Little farms, big farms, and family farms; Types of farming and farming regions; Getting started in farming; Deciding on size of the farm; The farm work program; Getting the highest return from each enterprise; Aids to farm planning; Useful records; Working with others on farm management problems.
 "What Is Farming?" 1944. 504p. 1 Ag84Wh
 The six parts of this book are entitled: Farming for a living and as a way to live; The base of all agriculture; Kinds of farming; Buildings and tools; Planning and managing; The opportunities and getting started.

Fertilizers

- "Fertilizer Recommendations for Wartime in Arkansas," by C. F. Simmons and E. J. Allen. Ark. Agr. Col. Ext. Wartime Emergency Pub. No. 4. 7p. 275.29 Ar4r
 "How Much Fertilizer Shall I Use?" USDA AIS-18. 1945. 6p. 1 Ag84Ai 18
 A gardener's guide for converting tons or pounds per acre into pints, cups, tablespoons, or teaspoons per row or plant.

Food

- "Buffet Meals and Entertaining," by L. A. Case. Ore. Agr. Col. Ext. Ser. HE 1857. 1944. 13p. 275.29 Or323H 1857
 "Culinary Preparation and Use of Soybeans and Soybean Flour," by Ferne Bowman and others. Mo. Agr. Expt. Sta. Bul. 485. 1945. 28p. 100 M693(b) 485
 "Drying Foods at Home," by Winifred Jones. Tex. Agr. Col. Ext. Cir. No. 170. 1943. 8p. 275.29 T312C 170
 "Food, the Builder," by Martha McPheters. Okla. Agr. Col. Ext. Cir. No. 402. 1945. 15p. 275.29 Ok41C 402
 "Fruit for the Family," by F. L. Carl and L. K. Jopling. Mo. Agr. Col. Ext. Cir. No. 514. 1945. 16p. 275.29 M69C 514
 "Home Canning of Meat." USDA AWI-110. 1945. 1 Ag84Aw 110
 "Newer Methods of Preparing Vegetables," by L. A. Case. Ore. Agr. Col. Ext. Ser. HE 1881. 1944. 6p. 275.29 Or323H 1881
 "Oven Meals," by L. A. Case. Ore. Agr. Col. Ext. Ser. HE 1863. 1944. 7p. 275.29 Or323H 1863
 "Sweet Rolls and Coffee Cakes Made With Yeast," by L. A. Case. Ore. Agr. Col. Ext. Ser. HE 1859. 1944. 7p. 275.29 Or323H 1859
 "Vegetables for the Family," by F. L. Carl and L. K. Jopling. Mo. Agr. Col. Ext. Cir. No. 513. 1944. 24p. 275.29 M69C 513

Forestry

- "Don't Kill the Forest Goose--Forests Are Wealth." USDA AIS-13. 1945. 11p.
1 Ag84Ai 13
- "Little Lead Disease of Pine," by G. H. Hepting and others. USDA Cir. No. 716.
1945. 15p. 1 Ag84C 716
- "Texas Timber---A Neglected Resource?" Texas Mill Manager's Association. 15p.
- "Trees for Prosperity and Posterity," by H. P. Rigdon. Okla. Agr. Col. Ext.
Cir. No. 403. 16p. 275.29 Ok41C 403
- "Windbreaks and Their Relation to Agriculture," by H. P. Rigdon. Okla. Agr. Col.
Ext. Cir. No. 398. 1944. 14p. 275.29 Ok41C 398

Home Making

- "Cleaning and Caring for Floors," by C. P. Brooks. Vt. Agr. Col. Ext. Brieflet
712. 1945. 6p. 275.29 V59B 712
- "Coat and Suit Making," by Martha Merryfield. Okla. Agr. Col. Ext. Cir. No. 397.
1944. 36p. 275.29 Ok41C 397
- "Financial Management for the Farm Home," address by Margaret G. Reid, Nov. 13,
1944. 7p. 1.941 A2F49
- "Finishing and Pefinishing Floors," by C. P. Brooks. Vt. Agr. Col. Ext. Brieflet
713. 1945. 5p. 275.29 V59B 713
- "Streamlining Household Tasks," by C. P. Brooks. Vt. Agr. Col. Ext. Brieflet
714. 1945. 5p. 275.29 V59B 714
- "Timesavers in Home Sewing," by Martha Merrifield. Okla. Agr. Col. Ext. Cir.
No. 396. 1945. 10p. 275.29 Ok41C 396
- "Upholstering at Home," by M. Fitzgerald and L. Woodruff. Mo. Agr. Col. Ext.
Cir. No. 511. 1944. 2 Op. 275.29 M69C 511

Horticulture

- "Effect of Fertilizers, Soil Reaction and Texture, and Plant Stand on the Perform-
ance of Strawberries," by J. R. Cooper and J. E. Vaile. Ark. Agr. Expt. Sta.
Bul. No. 454. March 1945. 54p. 100 Ar42(b) 454
- "Establishment and Early Management of the Vineyard," by W. R. Martin and others.
Mo. Agr. Col. Ext. Cir. No. 512. 1944. 11p. 275.29 M69C 512
- "Recognition and Control of Vegetable Diseases," by K. S. Chester and J. H. McLaugh-
lin. Okla. Agr. Expt. Sta. Cir. No. 117. 1945. 16p. 100 Ok4(c) 117
- "Varieties of Fruit and Nuts for the Southern Great Plains," by L. F. Locke.
Bur. of Plant Industry. Rev. Nov. 1944. 22p. 1.965 A2P75

Insects and Insecticides

- "A Digest of the Literature on DDT Through April 30, 1944," by R. C. Roark and N.
E. McIndoo. BEPQ. 1944. 53p. 1.9 En83 E-631
- "Experiments With DDT for Control of Insects Attacking Cereal and Forage Crops
in the Field and in Storage," by C. M. Packard. BEPQ. 1945. 9p. 1.9
En83 E-640
- "Nicotine Insecticides. Part I. New Metal Nicotine Compounds," by E. L. Mayer
and J. B. Gahan. BEPQ. 1945. 14p. 1.9 En83 E-646

"Results of Tests With DDT Against Fruit Insects in 1944," by H. Baker and B. A. Porter. BEPQ. 1945. 9p. 1.9 En83 E-637

"Tests of DDT Against the Insect Pests of Stored Seed, Grain, and Milled Cereal Products," by R. T. Cotton and others. BEPQ. 1945. 7p. 1.9 En83 E-641

Livestock

"Beef Calf Production in Mississippi," by R. H. Means and others. Miss. Agr. Expt. Sta. Bul. No. 412. 34p. 100 M69(b) 412

"Fattening Steers on Corn, Rice Products, and Rice Straw," by M. G. Snell and others. La. Agr. Expt. Sta. Bul. No. 389. 1945. 25p. 100 L93(b) 389

"Livestock Farming," by William Jackson. 1944. 310p. 40 J13

Another of the publications prepared by the Department for the U. S. Armed Forces Institute. Some of the chapter headings are: Education and training for livestock farming, Dairy farming, Hog raising, Farm sheep raising, Farm beef production, Range beef production, Range sheep production, Lambing and shearing, Milk goats, A livestock breeding guide, Livestock feeding requirements, Keeping animals healthy, Getting livestock safely to market.

"Wintering Beef Cows in the Rice Area," by M. G. Snell. La. Agr. Expt. Sta. Bul. No. 387. 1944. 31p. 100 L93(b) 387

Poultry

"Feeding and Watering Equipment for Poultry." Ark. Agr. Col. Ext. Plan Ser. No. 8. 1944. 4p. 275.29 Ar4Fo 8

"Feeding for Egg Production," by G. M. McCarthy. Tex. Agr. Col. Ext. Cir. No. 33. 1943. 3p. 275.29 T312C 33

"Science and Poultry Raising." Agr. Res. Admin. January 1945. 16p. 1.98 Sci2

Range and Pasture

"Measuring Productive Capacity of Pastures Through Maintenance Studies With Mature Steers," by A. O. Rhoad and R. B. Carr. USDA Tech. Bul. No. 890. 1945. 20p. 1 Ag84Te 890

"Pasture Development in the East Texas Timber Country," by E. K. Crouch and J. H. Jones. Tex. Agr. Expt. Sta. Bul. No. 666. 1945. 20p. 100 T31S(b) 666

"Pasture Management Kills Lone Star Ticks," by R. W. Portman. Mo. Agr. Expt. Sta. Cir. 297. 1945. 4p. 100 M693(c) 297

"Recent Results of Range Reseeding Trials on Semidesert Rangeland in Southern New Mexico." N. Mex. Agr. Expt. Sta. Press Bul. 1000. 1945. 4p. 100 N46S(p) 1000

"Seeding Crested Wheatgrass on Cheatgrass Land," by C. A. Friedrich. Northern Rocky Mountain Forest and Range Expt. Sta. Res. Note No. 38. 1945. 4p. 1.9622 N3R31

"Some Plants Poisonous to Livestock in Oklahoma," by H. I. Featherly. Okla. Agr. Expt. Sta. Cir. No. 118. 1945. 16p. 100 Ok4(c) 118

Rural Life Problems

Communities

"Neighborhood-Community Relationships in Rural Society," by J. H. Kolb and D. G. Marshall. Wis. Agr. Expt. Sta. Res. Bul. 154. 1944. 55p. 275.29 W75(r) 154

"Rural Communities of Wisconsin Getting Ready for Tomorrow." Wis. Agr. Expt. Sta. Cir. 353. 1945. 275.29 W750 353

Health

"L. B. 295 Gives the Green Light to Local Health Departments." Nebr. Agr. Col. Ext. Cir. 1024. 24p. 275.29 N272Ex 1024

"Prepayment Medical-Care Plans for Low-Income Farmers in Ohio," by R. L. McNamara and A. R. Mangus. Ohio Agr. Expt. Sta. Bul. 653. 30p. 1944. 100 Oh35(b) 65

Housing

"The Farm Housing Problem." 9p. 1.90 C2In8Pfa

An analysis prepared for the Senate Special Committee on Post-War Economic Policy and Planning, January 17, 1945.

School Lunch

"Before and After: A Play...About the Community School Lunch Program," by Aileen Fisher. WFA. 10p. 1945. 1.9424 A2F53

Social Security

"Social Security for Farmers and Farm Workers." USDA Office of Information. February 1945. 4p. 1.914 A2Sol

World Peace

"Let's Talk About World Peace Organization and What It Means to Farm People." USDA D. S. 28. 8p. 1 Ag86Ds 28

Safety

"Farm and Farm Home Safety, 1941-1944, A List of References," comp. by John M. McNeill. USDA Library List No. 14. 1945. 1.916 L612

Seeds

"Results of Tests of Commercial Legume Inoculants in 1944," by L. T. Leonard. USDA Cir. No. 724. 1945. 6p. 1 Ag84C 724

"Seed Scarifiers," by H. A. Arnold. Tenn. Agr. Expt. Sta. Bul. No. 194. 1945. 23p. 100 T25A(b) 193

Soil and Soil Conservation

"Investigations in Erosion Control and Reclamation of Eroded Shelby and Related Soils at the Conservation Experiment Station, Bethany, Mo., 1930-42," by D. D. Smith and others. USDA Tech. Bul. No. 883. 1945. 1 Ag84Te 883

"Man and the Soil," by K. B. Mickey. International Harvester Company, 1945. 110p. A brief introduction to the study of soil conservation for readers who have no technical knowledge of it and think they have no interest at stake in it.

"Soil Reaction (pH): Some Critical Factors in Its Determination, Control and Significance," by G. M. Volk and C. E. Bell. Fla. Agr. Expt. Sta. Bul. 400. 1944. 43p. 100 F66M(b) 400

LET US CONSIDER ONE ANOTHER

Borrowing the title of Gertrude Lawrence's new novel as a reminder to you! I have noticed lately that some of you keep periodicals much too long. Please remember that there are other men--even in addition to those on the routing slip--waiting to see the magazine--and keep it circulating. Thank you.

Helen Boyd, Librarian

